

[Go To Table of Contents](#)



Barrier-Free™ Universal Procedures Table

For models:
630 (all)

To purchase a printed copy of this manual,
click on the "Place Order" button below.

Place Order



User's Guide



SF-1842
003-1407-00 (Rev. P)

Product Information

(The information below is required when calling for service)

Dealer [name / phone]:

Date of Purchase:

Model / Serial Number:

Midmark Authorized Service Company [name / phone]:

Model / Serial Number Location

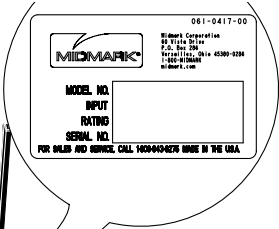
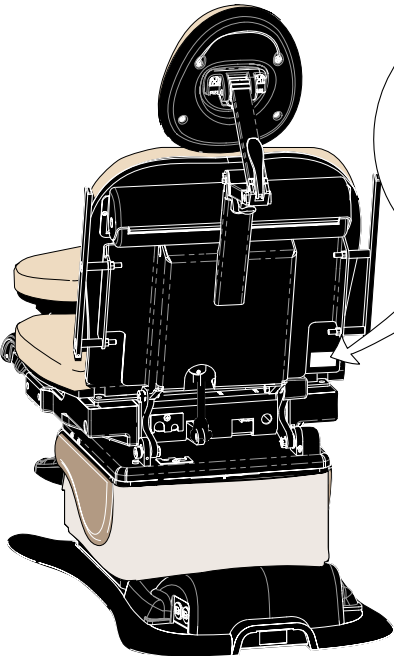


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Limited Warranty

Important Information

Safety Symbols



Caution

Indicates a potentially hazardous situation which could result in injury if not avoided.



Equipment Alert

Indicates a potentially hazardous situation which could result in equipment damage if not avoided.

Note

Amplifies a procedure, practice, or condition.



Consult User Guide for important information.



Proper shipping orientation



Fragile



Type B, Applied Part



Protective earth ground



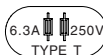
Emergency stop



Keep dry



Maximum stacking height
(palletted units)



Fuse rating specification



Protected against dripping water



Duty Cycle (motor run time):
30 seconds ON, 5 minutes OFF



Pan must be fully retracted to enable Foot Up function.



This product has been evaluated with respect to electrical shock, fire & mechanical hazards only, in accordance with UL60601-1 and CAN/CSA C22.2 NO. 601.1.

Transportation / Storage Conditions

Ambient Temperature Range:+41°F to 100°F (+5°C to +38°C)

Relative Humidity 10% to 90% (non-condensing)

Atmospheric Pressure 500hPa to 1060hPa (0.49atm to 1.05atm)

Intended Use

This product is intended to be used as a chair / table to provide positioning and support of patients during general examinations and procedures conducted by qualified medical professionals.

Electrical Requirements



Caution

When using high frequency surgical devices or endocardial catheters:

- Use non-conductive material to insulate patient from metal portions of the table.
- Consult operating instructions for the device before using in conjunction with drawer or upholstery heater.

Failure to comply may result in electric shock or burns to patient.

Electromagnetic Interference

This Midmark table is designed and built to minimize electromagnetic interference with other devices. However, if interference is noticed between another device and this table:

- Remove interfering device from room
- Plug table into an isolated circuit
- Increase separation between table and interfering device
- Contact Midmark if interference persists

Electromagnetic Compliance Statements per EN60601-1-2 are available online:

(or click on button below)

Go to: www.documark.com (Use the **FIND** feature to locate: **077-0501-00**)

EMC Statements

Authorized CE Representative

Countries in the EEC should direct all questions, incidents, and complaints to Midmark's Authorized CE representative listed below:

Promotal
22, Rue De St. Denis
53500 Ernee,
FRANCE
Phone: 33-2-430-517-76
Fax: 33-2-430-569-10

Disposal of Equipment

At the end of product life, the table, accessories, and other consumable goods may become contaminated from normal use. Consult local codes and ordinances for proper disposal of equipment, accessories and other consumable goods.

Safety Instructions

Hand / Foot Control Connection

There are two hand / foot control cord inlets. One is located on the base column at the foot end of the table, and one is located on the PC board cover at the head end. These cord inlets are interchangeable.

To connect hand / foot control cord...

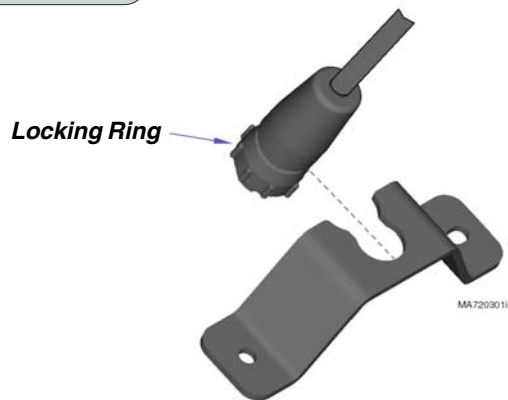
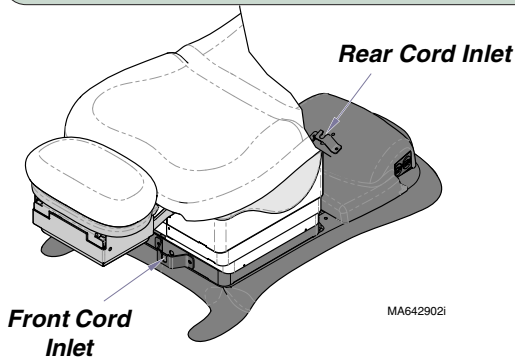
- Slide narrow portion of cord connector into bracket.
- Connect cord to inlet (see Note).
- Tighten locking ring.

Note: The cord connector is “keyed” and must be oriented properly to connect.



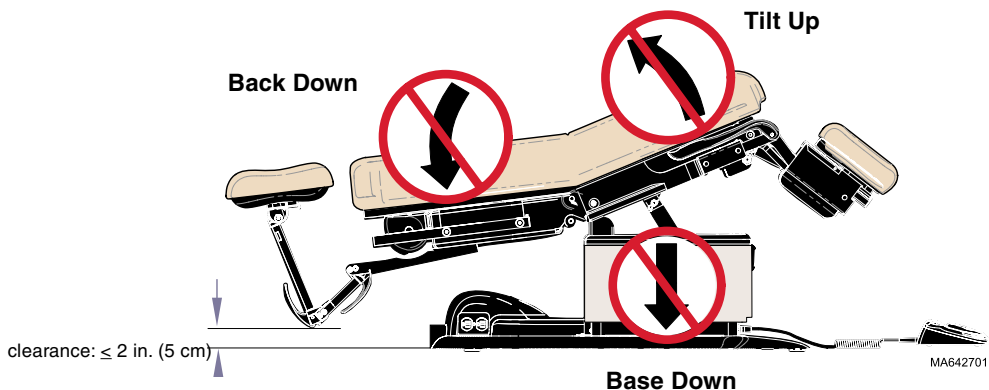
Equipment Alert

Never plug hand/foot control into any other outlets. Doing so may damage equipment.



Crash Avoidance System

The Crash Avoidance System prevents the table from colliding with the floor. If the system detects that the headrest mechanism is approximately two inches from the floor, it will sound several audible “beeps” and disable the following functions: *Base Down*, *Back Down*, and *Tilt Up*.



Operation

Power To The Table

If the table has no power...

All functions will be inoperable.

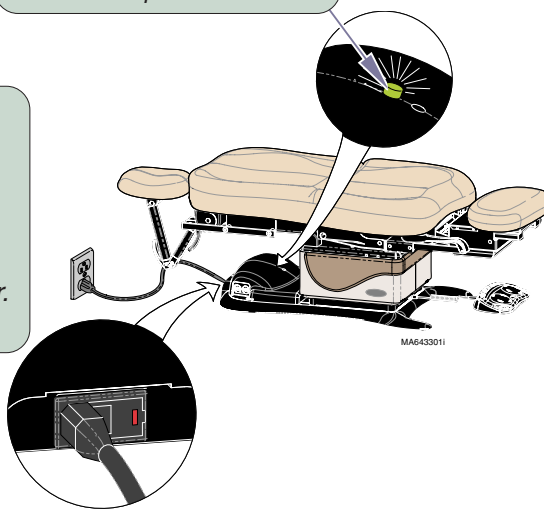
Before calling for service...

- Check power cord connections.
- Check / reset facility circuit breaker.
- Check / replace table fuse(s).

If Power Indicator Light is...

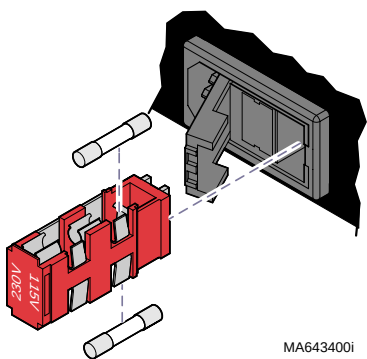
ON: Table has power

OFF: No power to table.



Before replacing fuses...

Disconnect power cord from table.

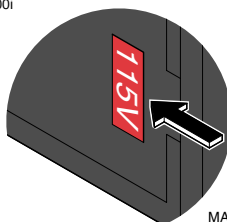


To replace fuses...

[Refer to Specifications section for correct fuse size & ratings]

- Open the fuse holder cover.
- Remove fuse holder & faulty fuse(s).
- Install new fuse(s), then replace fuse holder.

Attention: Voltage setting that shows thru window of fuse holder cover must match facility supply voltage.



Equipment Alert

Incorrect voltage setting will result in damage to the table.

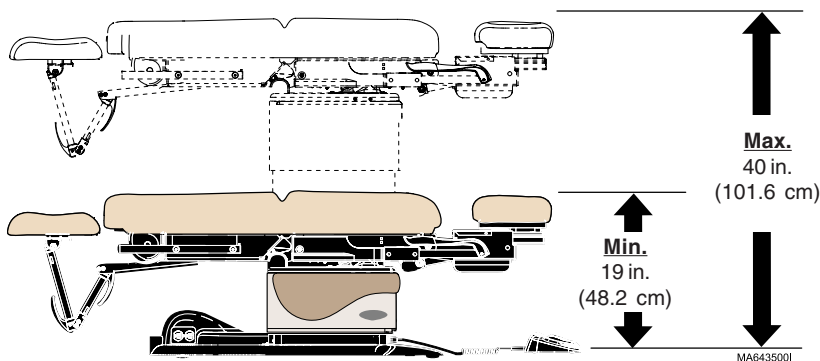
Base Up / Down

To move the Base UP or DOWN...
Press and hold the appropriate button.



Movement stops when...

*Up / Down button is released.
Maximum / minimum position is reached.
Stop button is pressed.*



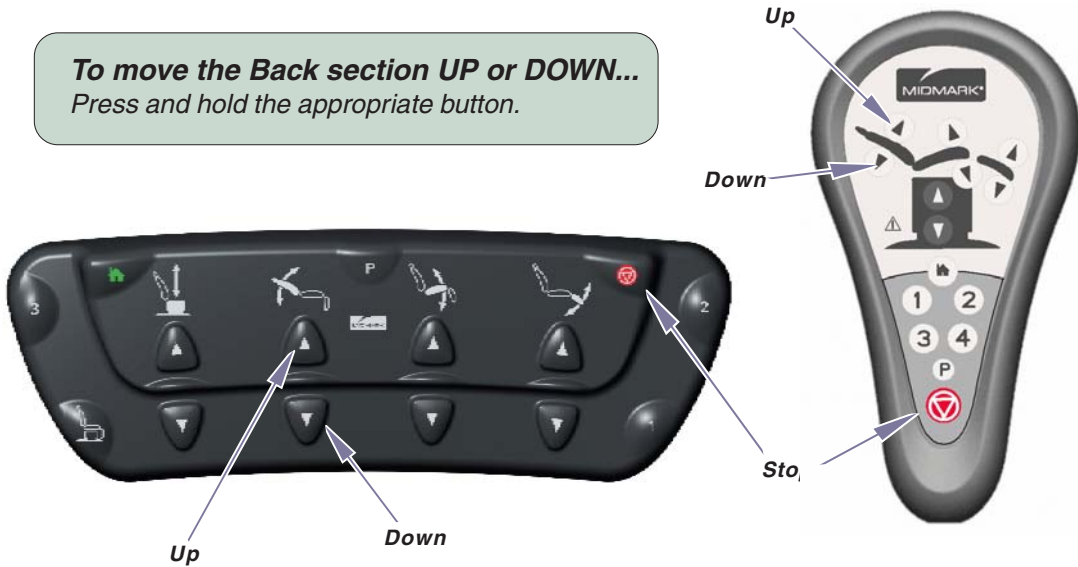
Models w/Rotational Base

Max.
43.5 in. (110.5 cm)

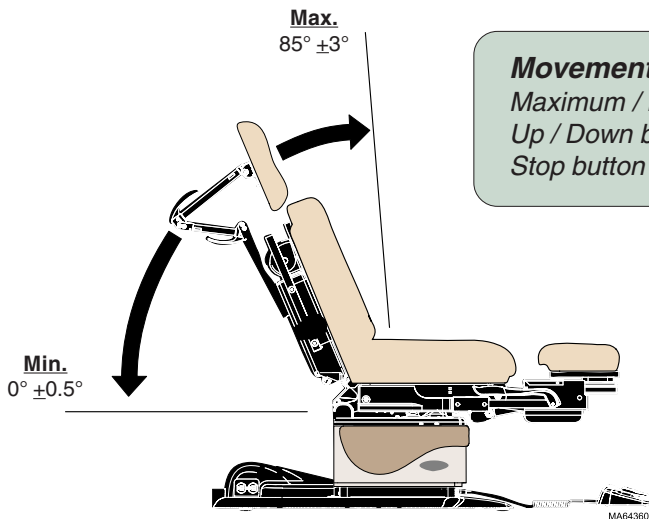
Min.
22.5 in. (57.1 cm)

Back Up / Down

To move the Back section UP or DOWN...
Press and hold the appropriate button.



Stop



Movement stops when...
Maximum / minimum position is reached.
Up / Down button is released.
Stop button is pressed.

Foot Up / Down

Attention!

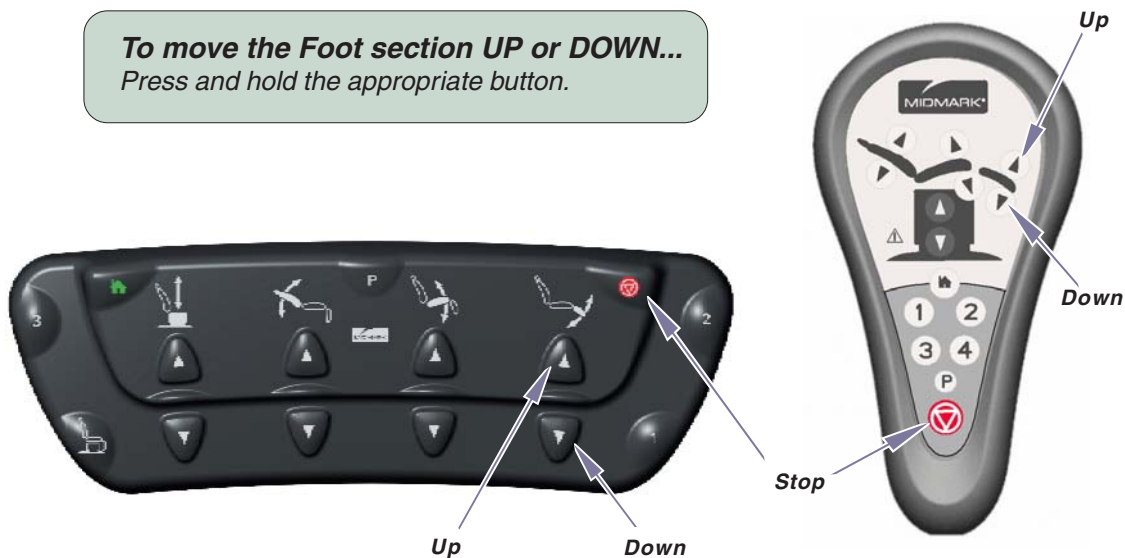
The **Foot Up** function is disabled when the treatment pan is pulled out.
(You will hear several “beeps” when Foot Up is activated with the pan pulled out).

To resume Foot Up operation:

Push the pan all the way in.

Press Foot Up button.

To move the Foot section UP or DOWN...
Press and hold the appropriate button.

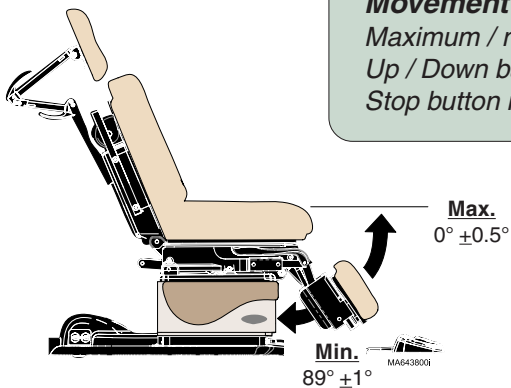


Movement stops when...

Maximum / minimum position is reached.

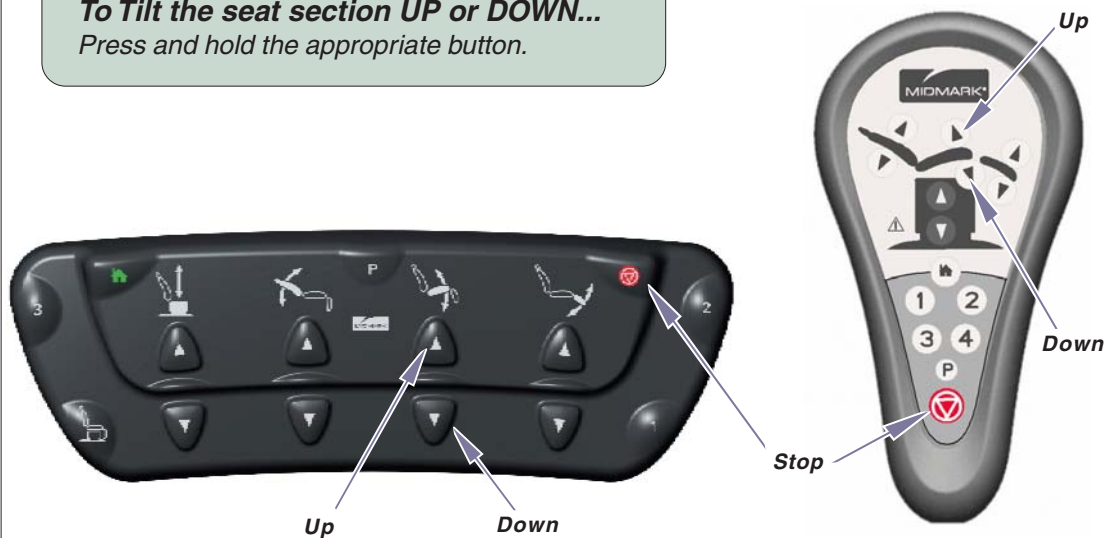
Up / Down button is released.

Stop button is pressed.

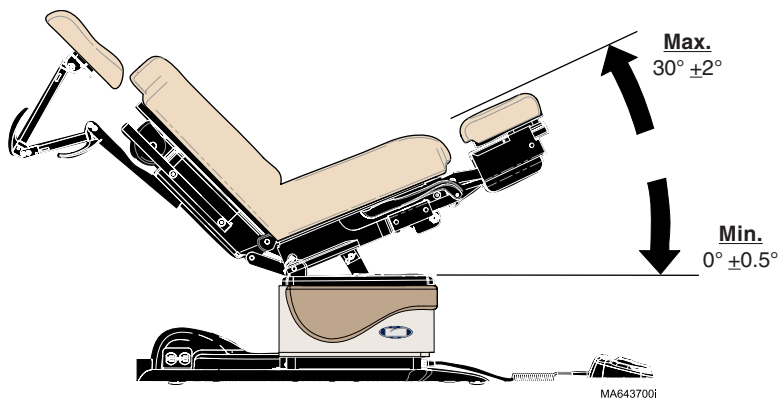


Tilt Up / Down

To Tilt the seat section UP or DOWN...
Press and hold the appropriate button.



Movement stops when...
Maximum / minimum position is reached.
Up / Down button is released.
Stop button is pressed.



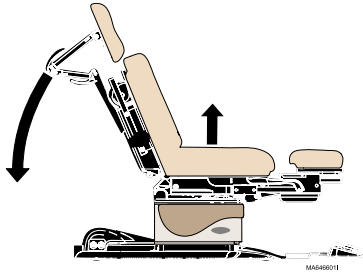
MA643700i

Activating Multiple Functions

The BASE/ BACK / TILT / FOOT functions may be activated at the same time.

Example:

Base UP / Back Down



Back Down

Base Up



To activate multiple functions

*Simultaneously press & hold the desired buttons.
(ex. Base Up & Back Down)*



Home Function

The Home function automatically lowers the table base so that your patient may get on or off of the table.

To lower the base to 23 in. (58.4 cm)....

Press, then immediately release the Home button.

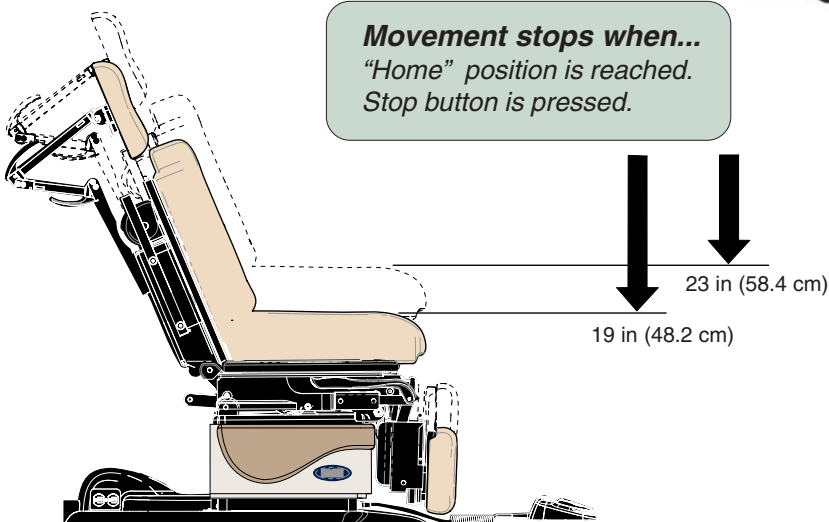
To lower the base to 19 in. (48.2 cm)...

Press and hold the Home button until you hear a single “beep”.



Movement stops when...

*“Home” position is reached.
Stop button is pressed.*



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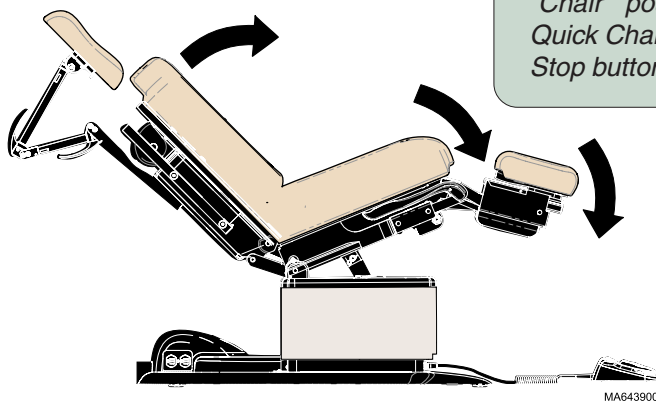
Quick Chair™ Function

(w/ Foot Control only)

The *Quick Chair* function activates the Base Down, Tilt Down, Foot Down, & Back Up functions at the same time.

To activate the Quick Chair™ function....

Press and hold the Quick Chair button.



Movement stops when...

*"Chair" position is reached.
Quick Chair button is released.
Stop button is pressed.*

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Programming Table Positions

(Programmable Models only)

The Programming feature allows you to easily recall frequently used table positions.

To program a table position....

- A. Move the table to desired position.
- B. Press the Program button. (you will hear a single “beep”)
- C. Press the desired Position button (1, 2, 3, or 4).
(three “beeps”)

Tip: You must press the desired Position button within 5 seconds of pressing the Program button.

To recall a programmed position....

Press and hold the desired Position button (1, 2, 3, or 4)*.

Tip: The Position buttons (1, 2, 3, 4) can be changed to function as “press & release”. Refer to: **One-Touch Positioning** for procedure to enable.



Movement stops when...

Programmed position is reached.
Position button is released.
Stop button is pressed.

One-Touch Positioning (Programmable models only)

During normal operating mode, the Position buttons must be pressed & held until the programmed position is reached. When the One-Touch Positioning feature is activated, the Position buttons function as “press & release”.

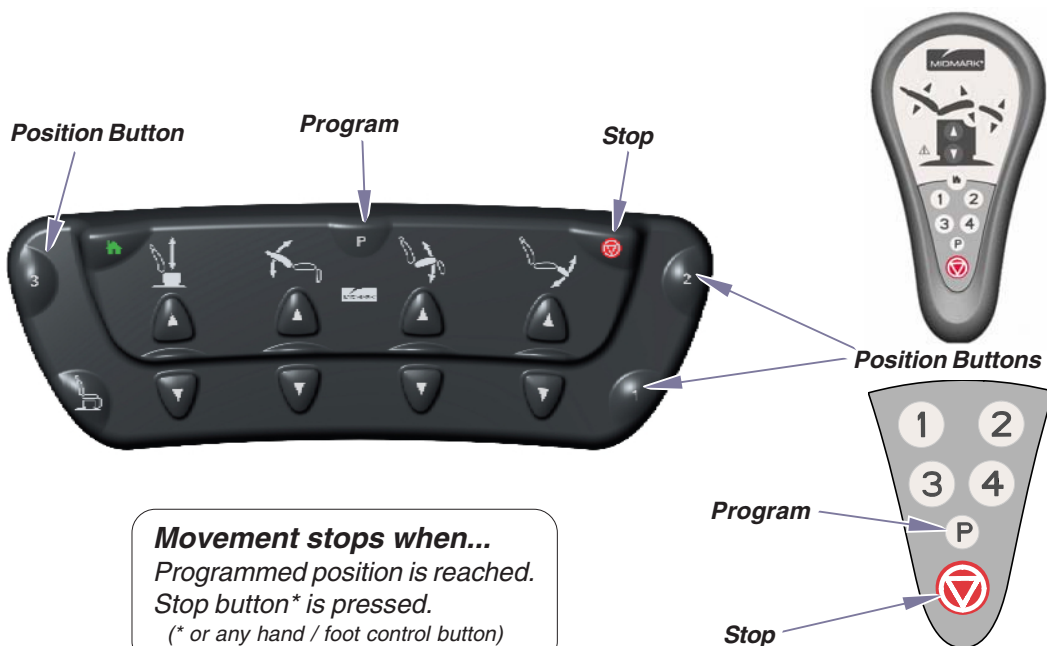
To enable (or disable) the One-Touch Positioning feature....

Press & hold the Stop & Program buttons simultaneously.
(after five seconds, you will hear three “beeps” if successful)

To recall a programmed position....

Press the desired Position button (1, 2, 3, 4) for two seconds.

Tip: After you hear a single “beep”, you may release the button & the chair will continue to move to the programmed position.

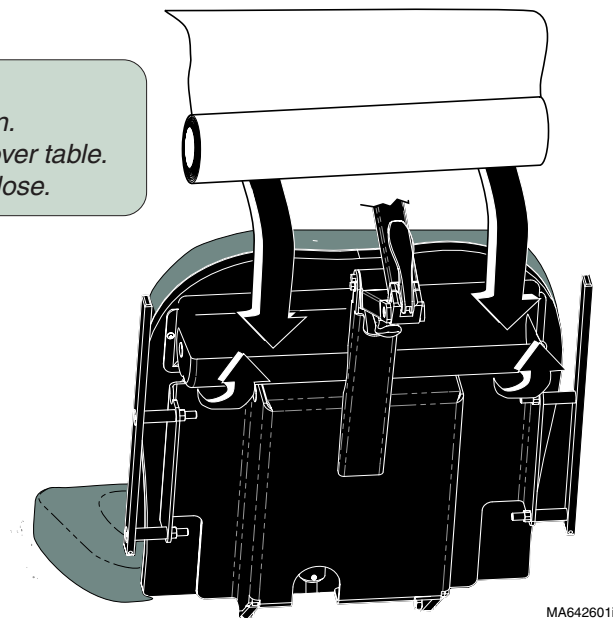


Paper Roll

Paper Roll Size (max.) 18 in. long x 3.5 in. diameter
(45.7 cm x 8.9 cm)

To install the paper roll...

- A. Pivot paper roll cover back to open.*
- B. Install paper roll, then pull paper over table.*
- C. Pivot paper roll cover forward to close.*



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Stirrups



Caution

Never use stirrups to lift table.

Be sure the stirrups are locked in place before using.

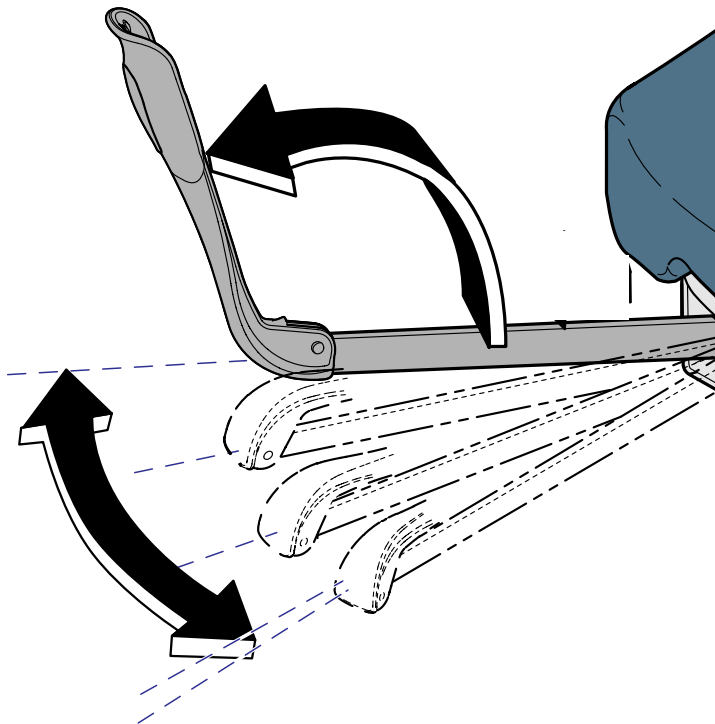
The stirrups will not support the patient's entire weight / excessive force.

To position the stirrups...

A. Pull the stirrup out, then unfold.

B. Lift the stirrup slightly, then move it left or right as desired.

C. Release stirrup to lock in position.



MA602500

Treatment Pan

Attention!

The Foot Up function is disabled when the treatment pan is pulled out.
(You will hear several “beeps” if Foot Up is activated with the pan pulled out).

To resume Foot Up operation:

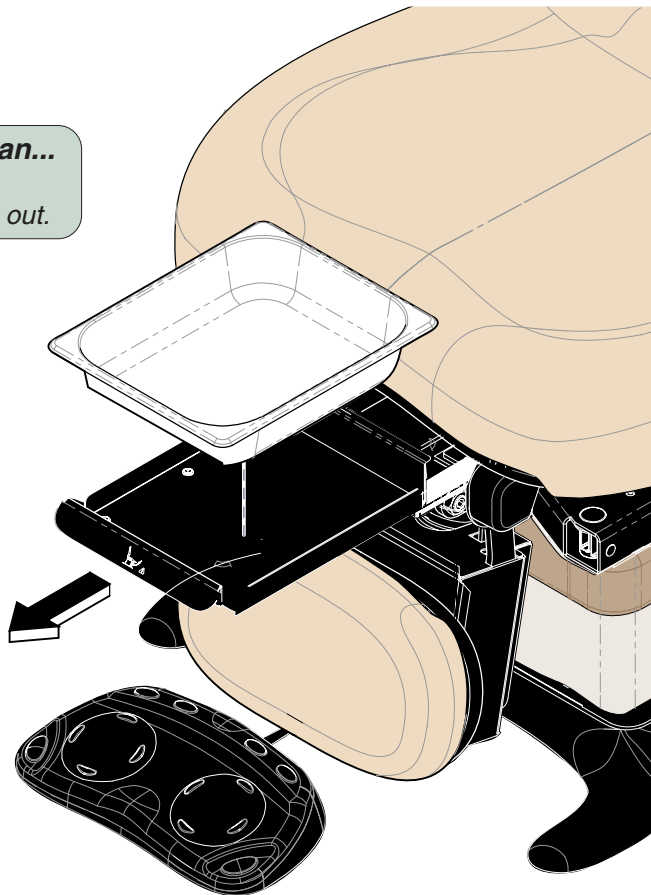
Push the pan all the way in.

Press Foot Up button.

To access the treatment pan...

A. Lower the foot section.

B. Pull the treatment pan slide out.



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Duplex Receptacle (optional - not available on 230 volt models)

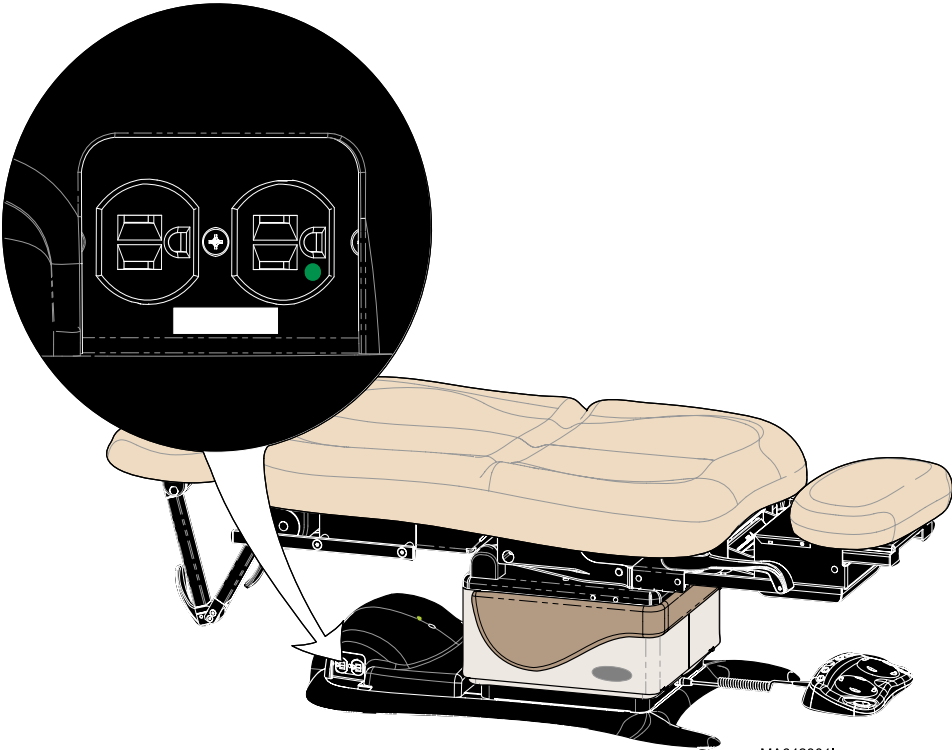
The duplex receptacle provides power for accessories used during medical procedures. Power to the receptacle will be interrupted if the maximum load is exceeded.

Maximum Load *[both receptacles combined]:* 115 VAC, 3 amps, 50/60 Hz



Equipment Alert

Exceeding the maximum load for the receptacle may result in blown fuses. If this occurs, all table functions will be disabled until fuses are replaced.
*[Fuse replacement procedure is shown on the **Power To The Table** page].*



Headrest Positioning



Caution

Be sure headrest is locked securely in position before use.

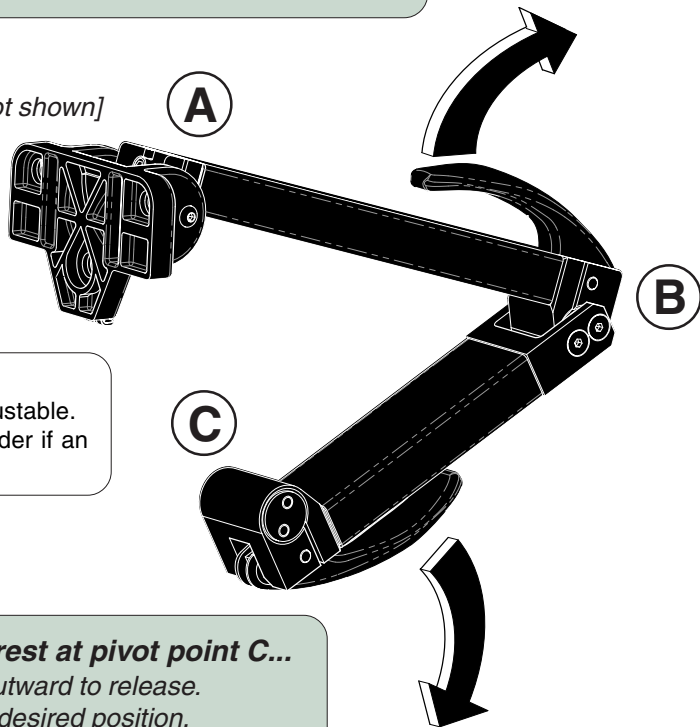
To adjust the headrest at pivot points A and/or B...

A. Pull upper handle outward to release.

B. Move pivot point(s) to desired position.

C. Push upper handle inward to lock in place.

[For clarity, the upholstery is not shown]



Note

The handle tension is adjustable.
Contact your service provider if an adjustment is required.

To adjust the headrest at pivot point C...

A. Pull lower handle outward to release.

B. Move pivot point to desired position.

C. Push lower handle inward to lock in place.

MA642200i

Upholstery Heater (optional)

The upholstery heater warms the seat and back sections of the upholstered top.



To turn upholstery heater ON / OFF..

Press and release the Upholstery Heater Button on the hand control.

Note: The upholstery heater will ...

- reach operating temperature in approx. 15 - 20 minutes.
- automatically shut off after 8 hours.

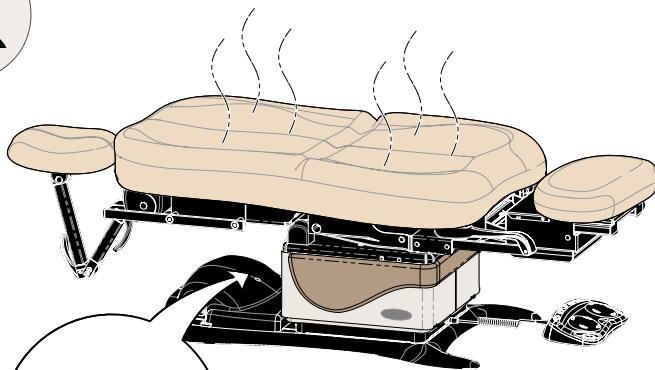
**Upholstery
Heater Button**



If Upholstery Heater Light is...

ON: Heater is ON

OFF: Heater is OFF



MA691800i

Upholstery Heater Light
(amber)

Power Indicator Light
(green)



Equipment Alert

If the back or seat section of the heated upholstery is punctured, it must be repaired or replaced to ensure proper operation.

Rotational Base (optional)

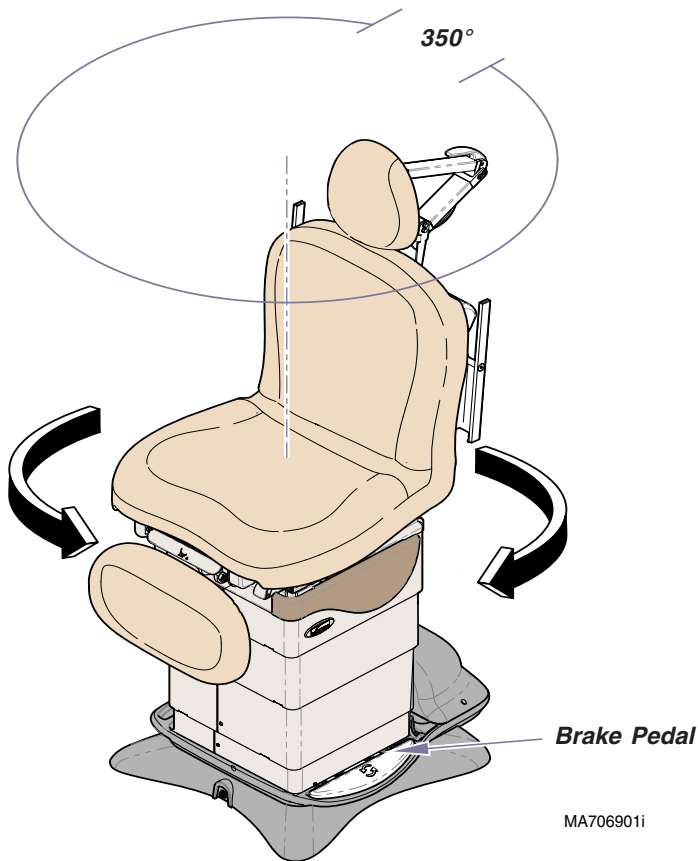
To rotate the table base...

- A. Press and release the brake pedal.
- B. Rotate the table to desired position.

To lock in position...

- A. Press and release the brake pedal.

Note: The base will automatically lock in position after two minutes.



MA706901i

Maintenance

Cleaning

Upholstery



Equipment Alert

The upholstery is resistant to most medicinal stains, but may be damaged by solvents and dyes. Immediately remove any fluids spilled on the upholstery. Allow upholstery to air dry, or use hair dryer on lowest setting.

- Spot cleaning use mild soap and water
- Difficult stains use a mild solvent
- Disinfecting:
 - Premium Upholstery* use 20:1 diluted bleach solution
 - Ultra-Premium Upholstery* use 5:1 diluted bleach solution

Painted / Plastic Surface

Wipe the painted metal and plastic surfaces as necessary with a clean, soft cloth, and mild cleaner. Periodic applications of common furniture wax will ease cleaning and maintain the finished luster of the table.

Preventive Maintenance

Periodically inspect the following areas:

- Power cord should be free of cuts or other visible damage.
- All fasteners should be present and tightened securely.
- All mechanical functions should operate properly.

Calling For Service [Product serial number is required]

If service is required, contact your Midmark dealer or to locate your nearest service provider, log onto: <http://www.midmark.com>

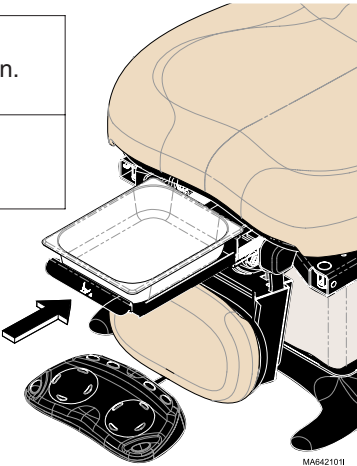
To contact Midmark directly:

1-800-Midmark (1-800-643-6275) or 937-526-3662
8:00 am until 5:00 pm. Monday through Friday (EST)
[excluding standard U.S. holidays]

Troubleshooting

No Foot Up Function

Function	Status	Problem	Correction
Foot Up		No movement (“beeps”)	Push treatment pan in.
All other functions		OK	-



No Base Down, Back Down, and/or Tilt Up Functions*

Function	Status	Problem	Correction
Base Down		No movement (“beeps”)	Activate Back Up and Tilt Down, then try Base Down again.
Back Down		No movement (“beeps”)	Activate Base Up and Tilt Down, then try Back Down again.
Tilt Up		No movement (“beeps”)	Activate Base Up and Back Up, then try Tilt Up again.
All other functions		OK	-

* The Crash Avoidance System disables the *Base Down*, *Back Down*, and *Tilt Up* functions to prevent the headrest from colliding with the floor. For more information, refer to the **Crash Avoidance System** section.

Specifications

Weights, Dimensions, Electrical Specifications

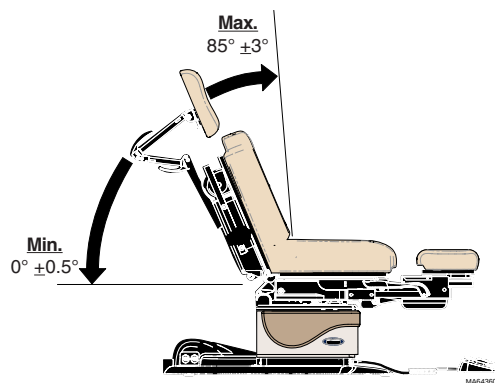
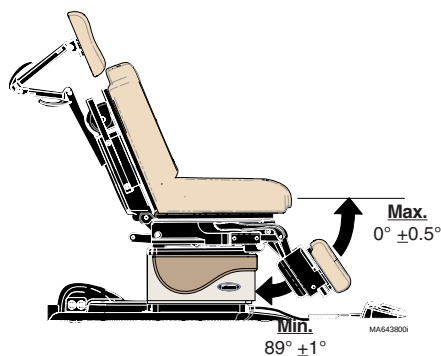
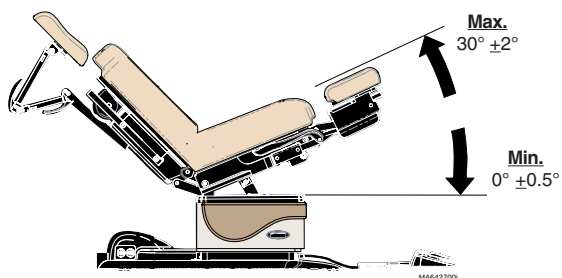
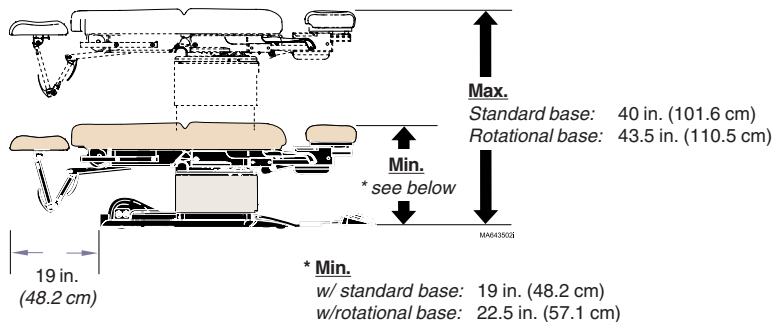
Patient Weight (Maximum)	450 lbs (204.1 kgs)
Paper Roll (maximum size):	18 in. long x 3.5 in. diameter (45.7 x 8.9 cm)
Range of Motion & Dimensions	[See <i>Range of Motion & Dimensions</i> page]
Weight of Table:	
630 (w/standard base)	455 lbs (206.4 kg)
w/packaging & skid	510 lbs (231.3 kg)
630 (w/rotational base)	540 lbs (244.9 kg)
w/packaging & skid	600 lbs (271.1 kg)
Power Cord:	8 ft. (243.8 cm) long
Electrical Requirements:	[See <i>Model I.D. / Compliance Charts</i>]
Foot / Hand Control Voltage:	10 VAC, SELV (Safety Extra Low Voltage)
Duplex Receptacle (optional)	
maximum load:	115 VAC, 3A, 50/60 Hz
Fuses:	
<u>Located at power cord inlet:</u>	
F1 & F2	6.3 A, 250V, Type T, 5 x 20 mm
Duty Cycle (motor run time):	Intermittent Operation [30 seconds ON / 5 minutes off]
Classifications:	Class 1, Type B Applied Part
Protection against ingress of fluids:	Ordinary Equipment
Foot Control <u>only</u>:	IPX1
Regulatory Compliance:	[See <i>Compliance Charts</i>]

Equipment not suitable for use in the presence of a flammable anesthetic mixture with air, or with oxygen, or nitrous oxide.

Model Identification / Compliance Chart

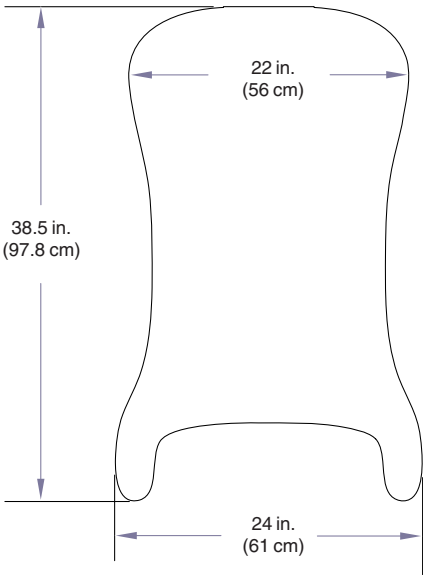
Model	Description	Serial Number Prefix	Complies To:					Electrical Ratings:		
			UL 60601-1	CAN/CSA 22.2, #601.1-M90	IEC 60601-1	EN 60601-1-2 (EMC)	CE	VAC +/-10%	Amps	Cycles (Hz)
630-001	Midmark Universal Proc. Table (Non-Programmable)	V	X	X	X	X	X	Configurable 115 230	Configurable 7 3.5	50 / 60
630-002	Midmark Universal Proc. Table (Programmable)	V	X	X	X	X	X	Configurable 115 230	Configurable 7 3.5	50 / 60
630-003	Midmark Universal Proc. Table (Non-Programmable) w/ Receptacle	V	X	X	X	X	X	115	10	50 / 60
630-004	Midmark Universal Proc. Table (Programmable) w/ Receptacle	V	X	X	X	X	X	115	10	50 / 60
630-005	Midmark Universal Proc. Table (Non-Programmable) w/ Rotational Base	V	X	X	X	X	X	Configurable 115 230	Configurable 7.5 3.8	50 / 60
630-006	Midmark Universal Proc. Table (Prog.) w/ Rotational Base	V	X	X	X	X	X	Configurable 115 230	Configurable 7.5 3.8	50 / 60
630-007	Midmark Universal Proc. Table (Programmable) w/ Heated Upholstery	V	X	X	X	X	X	115	7	50 / 60

Range of Motion & Dimensions

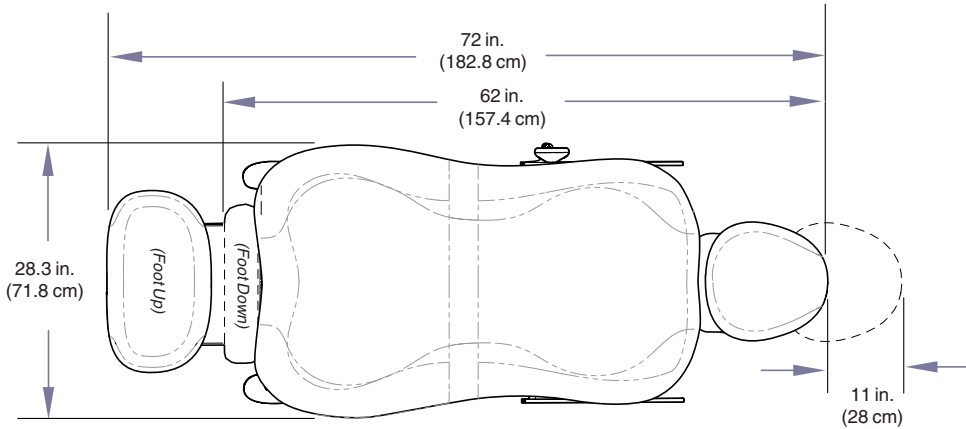
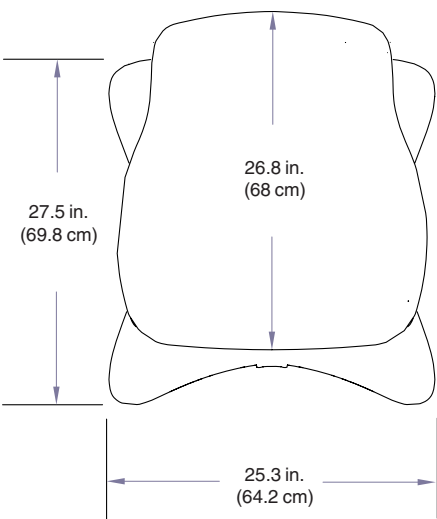


Range of Motion & Dimensions - (continued)

Models w/ Standard Base
Base Casting



Models w/ Rotational Base
Base Castings



Limited Warranty

SCOPE OF WARRANTY

Midmark Corporation ("Midmark") warrants to the original purchaser its new Alternate Care products and components (except for components not warranted under "Exclusions") manufactured by Midmark to be free from defects in material and workmanship under normal use and service. Midmark's obligation under this warranty is limited to the repair or replacement, at Midmark's option, of the parts or the products the defects of which are reported to Midmark within the applicable warranty period and which, upon examination by Midmark, prove to be defective.

APPLICABLE WARRANTY PERIOD

The applicable warranty period, measured from the date of delivery to the original user, shall be one (1) year for all warranted products and components.

EXCLUSIONS

This warranty does not cover and Midmark shall not be liable for the following: (1) repairs and replacements because of misuse, abuse, negligence, alteration, accident, freight damage, or tampering; (2) products which are not installed, used, and properly cleaned as required in the Midmark "Installation" and or "Installation / Operation Manual" for this applicable product. (3) products considered to be of a consumable nature; (4) accessories or parts not manufactured by Midmark; (5) charges by anyone for adjustments, repairs, replacement parts, installation, or other work performed upon or in connection with such products which is not expressly authorized in writing in advance by Midmark.

EXCLUSIVE REMEDY

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Notes:

DECLARATION OF CONFORMITY

MIDMARK CORPORATION



Midmark Corporation declares that Models **630 (all)**, **230 (all)**, & **75 (-019 / -020 / -021)** conform to the applicable requirements of the Medical Device Directive 93/42/EEC, Annex VII.

630-001 Serial Numbers: ST1000 to present.

630-002 Serial Numbers: SV1000 to present.

630-003 Serial Numbers: SW1000 to present.

630-004 Serial Numbers: SX1000 to present.

630-008 Serial Numbers: VB1000 to present.

630-009 Serial Numbers: VC1000 to present.

630 (all) Serial Numbers: V2200 to present.

230 (all) Serial Numbers: V2200 to present.

75-019 Serial Numbers: V2200 to present

75-020 Serial Numbers: VB1000 & V2200 to present.

75-021 Serial Numbers: VC1000 & V2200 to present.

Quality Assurance Manager

Gene Harshbarger
Midmark Corporation
60 Vista Drive, P O Box 286
Versailles, Ohio 45380 U.S.A.

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